

DAILY REPORT
VINYL DAILY REPORT

01 OCT 01 05:00

9	RX CHARGES	ABNORM BAT	RPTS	SPILL	RPT	PERSONNEL	HOURS	VAC	SAFETY:
SHIFT	OM 41-45	46-47	YES	NO	YES	NO	YES	NO	YES
0	7	8	4	1	1	1	12	12	NO
1	8	3	1	1	1	1	0	0	NO
TOTALS	15	15	7		24	24	12	12	

INTERMEDIATE SILOS PRODUCT SILOS BLEND TANKS MISCELLANEOUS

SILO	PRODUCT	M LBS	GRADE	SILO	PRODUCT	M LBS	GRADE	BLD TK	PRODUCT	%	OM	GOAL
281	5415	296	1	675	5385	110	0850	407	5305	21	1	21
282	5395	66	1	676	5385	14	1	501	5395	13	1	13
475	5265	22	1	677	5385	9	1	502	5385	73	1	73
476	5305	14	1	678	5415	79	1	550	POND	0		
478	5465	19	1	679	5415	119	REDY	551	POND	1		
479	5325	51	1	680	5415	9	1	552	POND	0		
490	5395	57	1	681	5415	9	1	553	POND	0		
491	5395	31	1	682	5415	99	REDY	644	5385	37		
492	5415	54	1	683	5385	118	1	646	5385	3		
493	5415	51	1	684	5385	9	1	647	5385	1		
575	5385	10EMTY		685	5385	9	1	648	5415	0		
576	5385	10EMTY		686	5385	13	1	649	5415	0		
577	5385	10EMTY		687	5385	9	1	650	5385	0		
578	5265	50H11V		688	5415	112	0630	651	5385	3		
				689	5385	47	1	652	5385	86		
				690	5385	203	0750	653	5385	84		
				691	5385M	10	1	654	5385	0		
				692	DBOX	104	STUP	655	5385	0		
								747	5415	73		

ROLS DLY AVG	1.9296	#OF	1690	5385	203	0750	1	653	5385	84	IGPN AVG	LM STRIPPER2	1
LAST B# >20	0.0000	PWS	1691	5385M	10	1		654	5385	0	IGPN AVG	OM STRIPPER3	0
ROLS > 20	0.0000	2	1692	DBOX	104	STUP		655	5385	0			
								747	5415	73			

PRODUCTION TOTALS REACTOR STATUS DRYER STATUS VCM RECEIVERS PRODUCTION BY TYPE AND RX

SILOS	M LBS	STRAPPED	WEIGHT	1823.0	RX	PRODUCT	MODE	DRYER	PRODUCT	SILO	RECEIVERS	%	PRODUCT	LBS	RX	#BAT	UP-TM
				0	1300	5415	CHRG	1	5415	600	10M FVCM	49	5225	0	300	3	23.9
					1400	5415	POLY	4	5415	682	10M S FVCM	19	5265	0	400	3	21.9
					1500	5415	POLY	5	5415	281	10M N FVCM	9	5305	0	500	3	22.3
COMPOUND	M LBS		14,824			5415	POLY	6	5385	389	10M N FVCM	37	5325	0	600	3	21.8
YARD	M LBS		4,400,000			5415	POLY	7	5385	689	10M S FVCM	59	5385	1095621	700	3	23.3
PREVIOUS	DAY		17,59,000			5385	OFF	8	5385	683	10M E FVCM	5	5395	0	741	0	0.2
PRODUCTION	TOT		12,78,824			5385	POLY	9N	5385	687	10M W FVCM	1	5415	763095	742	4	23.5
MONTH	TO DATE		55,55,000			5385	POLY	9S	5385	686	SPHERE	26	5416	0	743	4	22.7
					1743	5385	POLY	10	5415	678	WATER(FT.)	23	5465	0	744	4	23.5
					1744	5385	WAIT	11	5385	676	BATCHES		TOTAL	1658717	745	3	22.9
					1745	5385	POLY	#10	AVG RATE	26	TOTAL OM	15			746	4	20.6
					1746	5385	WAIT	#11	AVG RATE	35	TOTAL NM	22	VCM	USE1751589	747	3	21.3
					1747	5385											

COMPOUND M LBS 14,824
YARD M LBS 4,400,000
PREVIOUS DAY 425,700
PRODUCTION TOT 12,518,824
MONTH TO DATE 55,559,008

Catalyst Charge Sheet

Old ModuleDay Shift Operator: E. CARTERDate: 9-30-01Night shift Operator: G. PINKCatalyst Type:Changes:

610 288 L-10 554

610 288 L-10 554

Reactors:

Rx-300

3 3

Rx-400

3 3

Rx-500

3 3

Rx-600

3 3

Rx-700

5 5

New ModuleDay Shift Operator: J. A. Sykes

Night shift Operator:

Clay BreunlerCatalyst Type:Changes:

610 288 L-10 554

610 288 L-10 554

Reactors:

Rx-741

Rx-742

3 2

Rx-743

3 2

Rx-744

3 2

Rx-745

6 3

Rx-746

7 4

Rx-747

7 4

Comments:

Leak Detection and Elimination Sheet

Date/ Time	Leak No./ Written up By:	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not. No.	What Repairs Were Made?	Date Repaired	Repaired By:	Repair Verified By:
9-29-01	5066	800#1	6.3 5.1	Compressor cyl			Start Compress			
0017	BN	1		JP	0	110	Turned Pulling			
9-29-01	5067	800#1	5.4	Nothing found will run later	0	NO	Nothing			
0354	BN	1					will run later			
9-30-01	5068	800#2		EAST Ring Seal	0	NO	Replace O Ring	9/29/01	MBL	MBL
13131	TB	#3	9.9	O Ring			Change O Ring	9-30-01	C.H	C.H
9-30-01	5069	5	9.2	17th Leaking oil ring						
1550	BN	3								
9-30-01	5070	4	5.3							
0437	PD	2								

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph.

This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed.

Leak Detection and Elimination Sheet

Date/ Time	Leak No./ Written up By:	GC Stream Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not. No.	What Repairs Were Made?	Date Repaired	Repaired By:	Repair Verified By:
9-28-01 11:30	5060 H.C. #1	8C-1	10.0	nothing found Gmp Shed	YES	NO	nothing	11	NA	NA
9-28-01	5061	8C-2	7.3	found Nothing	0	NO	Trouble shooting Valves for Gmp Shed	—	—	—
2309	BN	6, 8, 1, 2 GC-3	7.5 6.1-5.8 6.1-7.7	checking valves on flxs for leakage	0	NO	Nothing found Clay Brownee			
9-29-01 5:40	5062 GS	1	5.4		YES HNU	172837 YES	#2, #4 COMP. 4WAY VALVE PACKING LEAKING			
9-29-01 09:47	5063 TB	GC-1 #1	7.6	leaking B.D. tank	0	NO	Nothing Found cleaned next round M.H.G.	NA	NA	M.H.G.
9-29-01 1540	5064 BM	3 9	10.0		0	NO	Nothing Found			
9-29-01 15:50	5065 TB	GC-2 #5	7.0	E. Carter	0	NO	Nothing Found E. Carter			

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph.

This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed.

Leak Detection and Elimination Sheet

Date/ Time	Leak No./ Written up By:	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not. No.	What Repairs Were Made?	Date Repaired	Repaired By:	Repair Verified By:
9-27-01 0550	5048 CN	GC #5 1,3	10.0 10.0	absolute line vapor line R. Gates	8.0 YES	YES	change out line 9- vapor	9-27 month	NA	RG
9-27-01 0850	5049 Ch	#2 #9	10	Not found, only 1 reading cleared next check	NA	NA	NA	NA	NA	NA
9-27-01 1840 1855 1910 1925	5050 CN	GC #5 1	10.0 8.4 5.2 10.0	Retighten nipple all spot R. Gates + D. Bass	10 YES	NO		10	NA	RG
9-27-01 1925	5051 CN	GC #5 2	5.6	11 D. Bass	11	"	NA	10	RG	RG
9-27-01 1940 1955 2010	5052 CN	GC #5 1	9.4 10.0 10.0	absolute 7 spot vapor line R. Gates	10.00 10.00 YES	YES	absolute 7 # spot vapor line			
9-27-01 2115 2130 2140	5053 CN	GC #5 1	10.0 7.7 6.5	11 R. Gates	YES	YES				

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph.

This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed.

Leak Detection and Elimination Sheet

Date/ Time	Leak No./ Written up By:	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not. No.	What Repairs Were Made?	Date Repaired	Repaired By:	Repair Verified By:
9-26-01	5043	GC-1		Leak line, 9. spot + line		172706				
19:54	TB	#4	6.9	Rubin Gates	YES	YES	20% water			
9-26-01	5044	GC-5	10.0	747 Main		172705	tightened pack	9-27-01	Maint	G.P.
0810 0310	CN	9	7.0	Recovery Valve		YES				
0840			10.0	N. Sheelart						
9-27-01	5045	GC-2					nothing found			
05:30	TB	#10	9.7	Leak Sykes			Leak Sykes			
9-27-01	5046	GC-1					nothing found			
05:30	TB	#7 #8	6.8-6.0	Leak Sykes			Leak Sykes			
9-27-01	5047	GC-4		Leak line Vaporizing						
05:37	SW	#3	7.5	R. Gates		6.5				
						YES				
9-27-01	5048	GC-2					nothing found			
05:45	TB	#1 #2	6.1/5.1	Leak Sykes			Leak Sykes			

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph. #
This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed.

Leak Detection and Elimination Sheet

Date/ Time	Leak No./ Written up By:	GC Steam Number(s)	GC Readings	Leak Location	HNU Readings	Notification Written?/ Not. No.	What Repairs Were Made?	Date Repaired	Repaired By:	Repair Verified By:
9-26-01	5037	GC-2		Dump sweep	20		600 was dumping at the time			
0536	13	#5	9.8	Jeff Sykes	yes					
9-26-01	5038	GC#5	10.10.10	247 O Ring leaking	25	NO	changed O-Ring on R.L.D.	6-26	Clay B	Clay B
1135	GS	9 10	10.05 8.5							
9-26-01	5039	GC-3		Found nothing cleared next check	0	NO	Clay Browlee No Readings on HNU			
15:01	KC	9	5.3							
9-26-01	5040	GC#3		Found Nothing Leak cleared next check	0	NO	Clay Browlee No Readings on HNU			
15:49	GS	8	6.1							
9-26-01	5041	GC-5		Cleaning pump strainer could not recover plugged with slurry	20	NO	Remover. Cull holes from unit & emptied.	6-26	Clay B	Clay B
1712	KZ	7	10.6							
9-26-01	5042	GC-1		found nothing	0	NO	Nothing found William Robinson			
18:30	13	#4	6.6							

This sheet is to be filled out in the event of one(1) reading of five (5) Parts Per Million or more on the any station of any Chronograph.

This sheet is to be distributed as part of the Vinyl Morning Report and returned to the Environmental Manager when all sections are completed.

DRYER PRODUCTION AND STATUS REPORT

Form No.- Vinyl-005

Vinyl Resin Flow Sheet

Shift BTime 0700Date 10-01-01

646	Product: <u>Stripper</u>	Product: <u>Washed Out</u>	647	Dryer #4	Silo: <u>682</u>
Level: <u>Start Up</u>	Blend No. <u>Washed Out</u>	Blend No. <u>Washed Out</u>	Level: <u>Washed Out</u>	Product: <u>Washed Out</u>	Blend Tank: <u>Down</u>

648	Product: <u>Washed Out</u>	Product: <u>Washed Out</u>	649	Dryer #5	Silo: <u>281</u>
Level: <u>Washed Out</u>	Blend No. <u>Washed Out</u>	Blend No. <u>Washed Out</u>	Level: <u>Washed Out</u>	Product: <u>Washed Out</u>	Blend Tank: <u>Down</u>

650	Product: <u>5385M</u>	Product: <u>5385M</u>	651	Dryer #6	Silo: <u>689</u>
Level: <u>7866147</u>	Blend No. <u>(0445) REG</u>	Blend No. <u>7866147</u>	Level: <u>7866147</u>	Product: <u>5385</u>	Blend Tank: <u>502</u>

652	Product: <u>5385M</u>	Product: <u>5385M</u>	653	Dryer #7	Silo: <u>689</u>
Level: <u>7865646</u>	Blend No. <u>(0004) REG</u>	Blend No. <u>7865646</u>	Level: <u>7865646</u>	Product: <u>5385</u>	Blend Tank: <u>502</u>

654	Product: <u>5385M</u>	Product: <u>5385M</u>	655	Dryer #8	Silo: <u>683</u>
Level: <u>7865646</u>	Blend No. <u>(0004) REG</u>	Blend No. <u>7865646</u>	Level: <u>7865646</u>	Product: <u>5385</u>	Blend Tank: <u>502</u>

644	Product: <u>Stripper</u>	Product: <u>5385</u>	Fluid Bed Dryer	<u>Down</u>
Level: <u>Start Up</u>	Blend No. <u>Stripper</u>	Blend No. <u>5385</u>	Product: <u>5385</u>	Blend Tank: <u>Down</u>
% <u>Start Up</u>	% <u>Start Up</u>	% <u>Start Up</u>	North: <u>687</u>	South: <u>686</u>

407	Product: <u>5385M</u>
<u>7852147</u>	% <u>1</u>

502	Product: <u>5385</u>
<u>7865744</u>	% <u>REG</u>
<u>7865942</u>	% <u>REG</u>
<u>7866043</u>	% <u>REG</u>
<u>7866245</u>	% <u>REG</u>

Dryer #10	Silo: <u>678</u>
Product: <u>5415</u>	Blend Tank: <u>747</u>

Dryer #11	Silo: <u>676</u>
Product: <u>5385</u>	Blend Tank: <u>502</u>

501	Product: <u>5395</u>
<u>2/1 H.P.</u>	% <u>1</u>

747	Product: <u>5415</u>
<u>932740</u>	% <u>REG</u>
<u>932830</u>	% <u>REG</u>
<u>932970</u>	% <u>REG</u>
<u>933060</u>	% <u>REG</u>

Product Transferring:		
From:	To:	
<u>281</u>	<u>493</u>	<u>5415</u>
<u>282</u>	<u>491</u>	<u>5395</u>
<u>576</u>	<u>683</u>	<u>5385 (0A)</u>
<u>575</u>	<u>684</u>	<u>5385 (0A)</u>

Vinyl Sample Results

Date 9-30-01

Product	Blend #	PARTICLE SIZE											Pasti	HP	Bulk Density	Fluff	Flow	"L" Color	"B" Color	FTIR	PVA	RVCM	Reactor Run Time	
		Micron	40	60	80	100	120	140	200	Pan	140													
5385M	7863147	202	0	16.9	44.7	18.3	9	5.3	2.1	0.7	2.8													
5385	7863443																							
5385	7863542																							
5385M	7863646																							
5385	7863744																							
5385M	7863847																							
5385	7863943																							
5385	7864045																							
5385	7864142	201	0	16.3	48.9	14.5	9.5	3.4	2	0.5	2.5													
5385	7864245																							
5385M	7864346																							
5385M	7864447																							
5385	7864544																							
5385	7864643																							
5385	7864744	200	0	15.5	49	14.7	9.7	3.5	2.1	0.6	2.7													
5385	7864842																							
5385	7864945																							
5385M	7865046																							
5385	7865143																							
5385M	7865247	197	0	15.4	46.1	14.3	10.4	4.4	3.5	1	4.4													
5385	7865344																							
5385	7865442																							
5385	7865545																							
5385M	7865646																							
												</												

Vinyl Sample Results

Date

9-30-01

Product	Blend #	PARTICLE SIZE											Bulk Density	Flow	"L" Color	"B" Color	FTIR	PVA	RVCM	Reaction	Run Time
		Micron	40	60	80	100	120	140	200	250	300	350									
5415	931240	177	0	4	36.1	28.1	18.3	7.2	4.1	1.2	5.3	2.2	.481	9	98.37	1.62	924	8541	1409	400	452
5415	931330																	8541	1409	300	448
5415	931470																	14171	1999	700	442
5415	931560																	8343	1407	600	503
5415	931650	170	0	3.6	31.8	28.1	18.8	7.8	4.8	1.1	5.9	2.1	.489	8.5	98.14	1.66	1720	8343	1411	500	506
5415	931740																	8644	1411	400	504
5415	931830																	8443	1408	300	453
5415	931970	164	0	2.6	30.4	27.4	21.3	9.4	5.6	1.5	7	3.1	.494	9.2	98.24	1.66	951	13970	2000	700	455
5415	932060																	8542	1404	600	514
5415	932150																	8442	1408	500	505
5415	932240																	8542	1407	400	503
5415	932330	165	0	1.2	33.8	29.9	20.3	8.6	5.1	1.1	6.1	2.1	.473	10.6	98.24	1.67	681	8415	1407	300	452
5415	932470																	13871	1999	700	445
5415	932560																	8444	1407	600	506
5415	932650																	8344	1387	500	515
5415	932740																	8441	1409	400	510

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 9-30-01

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400
300	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
400																								
500																								
600																								
700																								
Stripper																								
Strainer																								
Cleaning																								

Lost 75 on 700 Rec. Rn 300
 Lost 110 on 600 Rec. Rn 700
 Lost 50 on 500 Rec. Rn 600
 Lost 10 on 400 Rec. Rn 500
 Lost 40 on 600 Rec. Rn 700
 Lost 30 on 500 Rec. Rn 600
 Lost 25 on 400 Rec. Rn 500

Lost 30 min rec 400, rec 500
 Lost 30 min change 400, checking for leaking valves
 Lost 20 min, rec 600, rec 700
 Lost 15 min rec 500, rec 600

8

7

Hi-Mo Charges =	15	Lo-Mo Charges =	0	Total Charges =	15
-----------------	----	-----------------	---	-----------------	----

REACTOR DAILY PRODUCTION AND STATUS REPORT

Date 9-30-01

Equipment	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	0100	0200	0300	0400
741																								
742																								
743																								
744																								
745																								
746																								
747																								
Hi-Mol Stripper	160	200	200	240	280	300	180	180	160	380	440	400	180	180	180	350	410	140	140	140	200	50	400	
Lo-Mol Stripper																								
Strainer Cleaning																								
Lost 65 min 746 waiting lab results Lost 20 min 744 change waiting on 747 KH 17 Lost 35 min 747 NPTD Lost 15 min 744 charging 747 Lost 12 hr 741																								
Total Charges = 8 + 7												Total Charges = 4 + 3												